

## M 5.5, 8km ENE of Kulaman, Philippines

Origin Time: 2019-06-05 20:41:49 UTC (Thu 04:41:49 local)

Location: 6.4759° N 124.1678° E Depth: 470.1 km

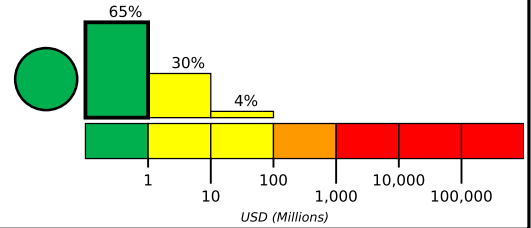
Created: 2 weeks, 0 days after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

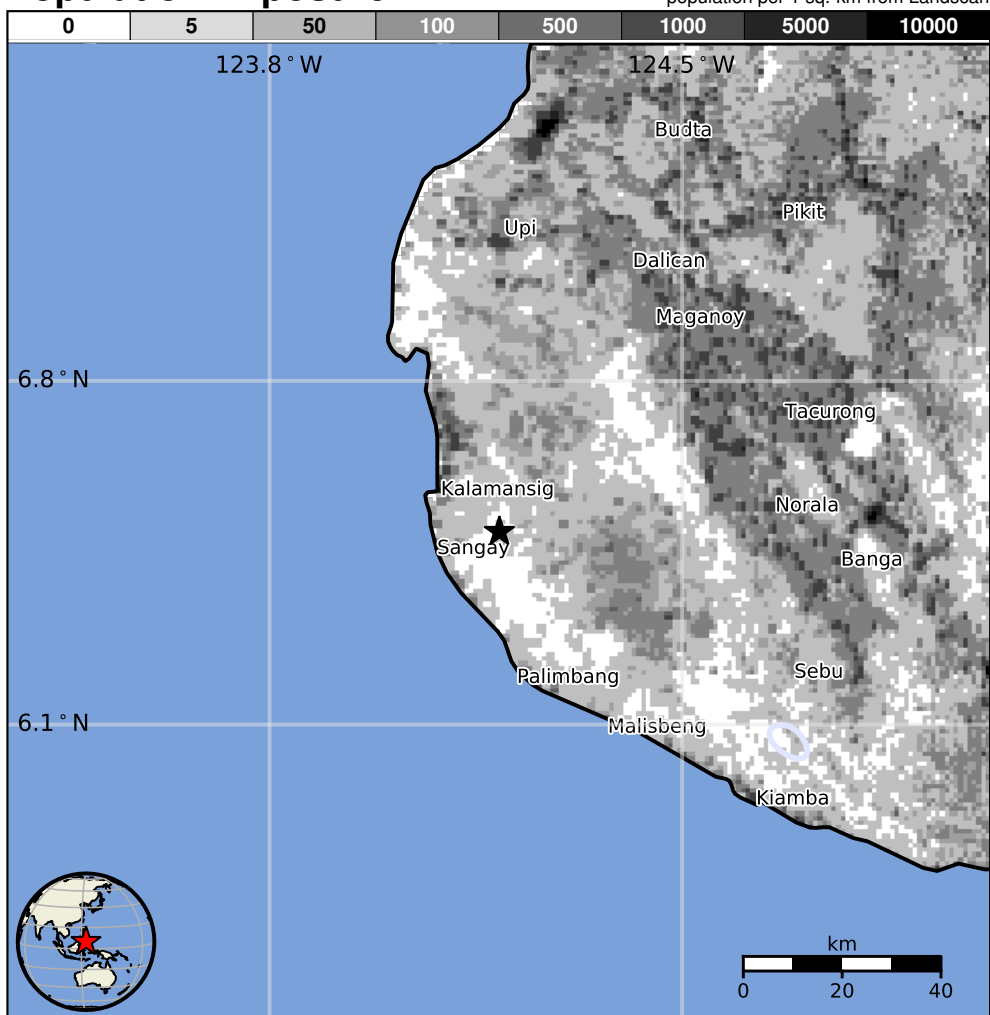


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		8k*	4,218k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1987-05-23	224	5.7	VII(70k)	1
1990-02-08	369	6.7	VIII(96k)	1
2002-03-05	50	7.5	VIII(12k)	15

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Tran	2k
II	Taguisa	3k
II	Esperanza	6k
II	Lebak	<1k
II	Datu Piang	8k
II	Damabalas	3k
II	Koronadal	126k
II	<b>Budta</b>	<b>1,274k</b>
II	Malingao	1,122k
II	<b>Banga</b>	<b>59k</b>
II	Cotabato	179k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70003w0p#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70003w0p